# Index

100Base FX, 2-7, 2-8 100BaseTX, 2-6 10Base 2 Thinnet, 2-3 10Base5 Thicknet, 2-4, 2-5 10BaseFL, 2-7 10BaseT, 2-6	B battalion S6, 3-5 Battlefield Functional Area Control systems (BFACSs), 1-4, 1-5, 2-1 architecture of, 1-5 bridges, 2-9 brigade S6, 3-5	combat net radio (CNR), 1-10 combat service support automation officer (CSSAMO), 3-1, 3-6 Combat Service Support Control System (CSSCS), 1-6 command and control protect (C2P), 5-15-9
A Advanced Field Artillery Tactical Data System (AFATDS), 1-4 Air and Missile Defense Planning and Control System (AMDPCS), 1-6 All Source Analysis System (ASAS), 1-6 Area Common User System (ACUS), 1-10 Army Battle Command and Control System (ABCS), 1-1, 1-31-7 Army Data Distribution System (ADDS), 1-11 asynchronous transfer mode (ATM), C-13 attacks, 5-2 computer, 5-2 electronic, 5-2 high energy, 5-2 physical, 5-2 theft, 5-2 Automatic Digital Network (AUTODIN), 1-12 automation, A-20, D-1D-4 security, A-20 support, D-1D-4	broadcast, 1-11 bus network, 2-10, 2-11  C C2 Strategy, 5-3, 5-4 C2P, 5-25-9 duties and responsibilities, 5-6, 5-7 measures, 5-2 NSM, 5-35-5, 5-9 detect, 5-5 incident reporting, 5-9 protect, 5-3, 5-4 react, 5-5 shared responsibilities, 5-3 tools, 5-5, 5-6 cables, 2-3, 2-42-8 100Base FX, 2-7, 2-8 100Base TX, 2-6 10Base 2 Thinnet, 2-3 10BaseFL, 2-7 10BaseFL, 2-7 10BaseT, 2-6 classified information, A-11 classified material, A-11 coaxial cable, 2-32-4	communications protocols, 2-8 communications security (COMSEC), 5-9, A-4, A-16, A-17 custodians, A-4 electronic emanations, A-16 equipment, A-16 key lists, A-16 LAN, A-16, A-17 connectivity devices, 2-92-10 corps G6, 3-3 CSS S6, 3-6   D data security, A-21, A-22 data transport systems 1-101- 12 Defense data network (DDN), 1-12 Defense Information Systems Network (DISN), 1-12 Defense Messaging System (DMS), 1-12 Department of the Army Movement Management System-Redesign (DAMMS-R), 1-7

deputy G6, 3-1, 3-3--3-5
tasks and functions, 3-4, 3-5
direct support (DS)
maintenance, D-3, D-4
Division G6, 3-3

#### Ε

electronic emanations, A-16 electronic media, A-13--A-15 embedded training, D-2, D-3 emergency, 5-10, A-15, A-16 destruction procedures, A-15, A-16 procedures, 5-10 Ethernet, 2-8, B-8, B-9 problems, B-8, B-9 troubleshooting, B-8, B-9

#### F

Fiber Optic (FO) cable, 2-7 force entry switch (FES), C-12 Force XXI Battle Command -Brigade and Below (FBCB2), 1-4, 1-6, 1-7

## G

G3, 3-1, 3-2 tasks and functions, 3-2 G6, 3-1, 3-3--3-5 division G6, 3-3 tasks and functions, 3-4, 3-5 garrison operations, A-9

## Н

hardware, A-19, B-5

installation, A-19
malfunctions, A-19
security, A-19
troubleshooting, B-5
high-speed balanced interface
card (HSBIC), C-15
high-speed multiplexer

(HSMUX) card, C-14--C-16

SEN configuration, C-14 SEN signal flow, C-15 host troubleshooting, B-5 hubs, 2-10

#### ı

information management, 4-5--4-6
information security, A-11--A16
destroying printed material,
A-13
electronic media, A-13--A15
handling classified information, A-11
handling classified material,
A-11
magnetic media, A-13--A15
marking procedures, A-12
storage procedures, A-12

Information systems security managers (ISSM), 5-6, A-2, A-23

information systems security officer (ISSO), 5-7, A-2, A-3, A-24

information systems security (ISS) positions, A-1--A-5

information systems security program manager (ISSPM), 5-6

integrated system control (ISYSCON), C-10

intelligence officer, 5-7 internodal connectivity, C-5 inverse multiplexer, C-15

#### L

large extension nod (LEN), C-5, C-6 local area network (LAN), iii, 1-2, 1-3, 2-1--2-16, 4-2, A-16, A-17, B-1--B-9 area of responsibility, 4-2 configuration, 2-1 installation, 2-1--2-16 troubleshooting guide, B-1--B-9 LOS radio system, C-10, C-11

#### М

maintenance personnel, A-11 magnetic media, A-13--A-15 management personnel, 3-1--3-8 control maneuver system (MCS), 1-4 mission applications administrator, 3-1, 3-7, 3-8 tasks and functions, 3-7, 3-8 mission applications user, 3-1, 3-8, A-4, A-5 tasks and functions, 3-8 mobile subscriber equipment (MSE), 1-11, C-1--C-16 architecture, C-1--C-3 components, C-4--C-12 employment, C-4 interface, C-7 range extension, C-13 support, C-1--C-16 techniques, C-3 mobile subscriber radiotelephone (MSRT), C-

#### N

network, 2-1, 2-2, 2-4, 2-5, 2-10--2-13, 3-1, 3-4--3-6, 4-1--4-8, A-1--A-30, B-7 administrator (NA), 3-1, 3-4-3-6 tasks and functions, 3-4, 3-5 and systems management hierarchy, 4-1--4-8 configurations, 2-10--2-13 interface card (NIC), 2-1, 2-2, 2-4, 2-5 male and female connectors, 2-5 T-connectors to a NIC, 2-4

management, 4-2--4-5, R sample security SOP, A-1-brigade, 4-5 radio access unit (RAU), C-6, training programs, A-7 C-7, C-8 corps, 4-3 SHF radio link, C-8 repeaters, 2-9 division, 4-5 small extension node (SEN), preparation questions, B-7 review of security violations, A-C-6, C-16 security management, A-1-configuration, C-16 ring network, 2-12, 2-13 A-30 signal flow, C-16 risk management, A-5, A-6 security officer (NSO), A-3, A-4 software, A-17--A-19, B-5, B-6 router-based architecture, 2-13--2-15, B-1, B-2 troubleshooting, B-7 audit procedures, A-19 new equipment training (NET), routers, 2-9 configuration control, A-18, D-1 A-19 node center (NC), C-4, C-5 errors, A-17 S integrity, A-18 S3,3-1, 3-2, modifications, A-18 tasks and functions, 3-1 security, A-17--A-19 operations security (OPSEC), S6, 3-1, 3-3--3-6 troubleshooting procedures, battalion, 3-5 B-5, B-6 operator maintenance, D-3 brigade, 3-5 unauthorized, A-18 CSS S6, 3-6 Standard Army Ammunition Р tasks and functions, 3-4, 3-System (SAAS), 1-7 password, 5-8, A-6 Standard Army Maintenance sample security SOP, A-1--Acontrol, 5-8 System (SAMS), 1-8 management, A-6 Standard Army Management satellite communications personnel security, A-9--A-11 Information System systems 1-11 (STAMIS), 1-1, 1-7--1-10 initial training, A-10 security, A-1--A-30, 5-4 Standard Army Retail Supply maintenance personnel, Abriefing, A-20 System (SARSS), 1-8 11 acknowledgment, A-23 Standard Installation/Division minimum clearance, A-9 Personnel System-3 personal liability, A-22 need-to-know, A-10 (SIDPERS-3), 1-9 checklist, A-26--A-30 physical fault isolation, B-1--B-Standard **Property** Book complying with the generic System-Redesign (SPBSaccreditation, A-5 physical security, A-6, A-8, A-9, R), 1-8 A-22 criticality, A-6 star network, 2-10 administrative movement, Amanagers, A-4 startup troubleshooting network plan, 5-4 procedures, B-4 garrison operations, A-9 review, A-5--A-7 subscriber terminals, C-12 shipment, A-8 risk management, A-5 switched-based architecture, 2storage, A-8 password management, A-15, 2-16, B-1, B-2 tactical movement, A-8, A-9 switches, 2-9 tactical operations, A-9 physical security, A-6 system audit procedures, A-18 procedural security, A-20, A-21 sensitivity, A-5

system control center-2 (SCC-2), C-8, C-9, C-10
system planning worksheet, 3-2, 3-9
systems administrator (SA), 3-1, 3-4--3-6
tasks and functions, 3-4, 3-5

### Т

tactical, 1-1--12, 2-13, 3-1--3-9, A-8, A-9, LAN connectivity, 2-13 LAN management responsibilities, 3-1--3-9 operations, A-9 operations center LAN overview, 1-1--12 packet network (TPN), 1-11 technical vulnerabilities, A-23--A-26 policies, A-24 procedures, A-24 reporting, A-25, A-26 responsibilities, A-23

TEMPEST, A-6, A-7 backup requirements, A-7 emergency destruction, A-6 plans, A-7 risk analysis, A-6 Theater Armv Medical Management Information System (TAMMIS), 1-9, 1-10 threat, 5-1 intentional, 5-1 natural, 5-1 structural, 5-1 unintentional, 5-1 TI at brigade and below, 4-6--4-8 TOC, 1-1, 4-1, 4-2 LAN, 4-1, 4-2 layout, 1-1 token ring, 2-12 training, A-10, D-1--D-4 concept, D-1--D-3 initial, A-10 institutional, D-2 ongoing, A-10 support, D-1--D-4

transmission media, 2-2--2-7 twisted-pair cable, 2-4, 2-6 typical security network plan, 5-4

## U

unit-level maintenance, B-5, D-3
unit-level logistics system (ULLS), 1-8, 1-9
ULLS-A, 1-9
ULLS-G, 1-9
ULLS-S4, 1-9
unit sustainment training, D-3
user maintenance, B-3
users, 5-7, A-24

### W

wide area network (WAN), 4-1, 4-2, B-3 area of responsibility, 4-2 failures, B-3 wireless, 2-7 workstation failures, B-3